

Dead Horse Creek Statement of Work and Budget FY2004

BPA Project Number: 1963-054-00

Performance/Budget Period: February 1st, 2004 – September 30th, 2004

Mare Chestnut

**District Manager and Project Sponsor
Milt County Conservation District
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Objective 1: Develop contracts with landowners and secure permits.

Task 1.1: Develop contracts between the MCCD and individual landowners, and enroll riparian areas into this program.

Deliverable: Copies of contracts with landowners.

Schedule: Contracts between landowners and MCCD will be completed after landowners sign up for CREP. Contract will be completed between February 1st, 2004 and September 30th, 2004.

Task 1.2: Demonstrate that this riparian restoration program is assisting BPA to satisfy RPA 153, which requires BPA to work with agricultural incentive programs such as CREP in order to negotiate and fund long-term protection of 100 miles of riparian buffers per year.

Deliverable: A special annual report describing how the project will meet RPA 153 will be required for the FCRPS Biological Opinion Annual Progress Report. BPA's project manager will provide the format for this report as soon as the report format is finalized.

Schedule: BPA's project manager will confirm the due date for the report, but it is expected to be due to BPA by October 1, 2004.

Objective 2: Implement riparian restoration program.

Task 2.1: Plant 3,500 native trees and shrubs in riparian areas for shade and proper floodplain function and provide for successful establishment of 3,900 previously planted trees.

Deliverable: Revegetated stream banks on approximately 1 mile of stream.

Schedule: March 1st, 2004 – September 30th, 2004. Either late in the fall or early in the spring to make sure that spawning steelhead is not disturbed.

Task 2.2: Installation and maintenance of riparian protection fencing. Complete design, layout, and installation of riparian fencing consistent with contracts developed on lands associated with the CREP/CRP programs.

Deliverable: Install 3 miles of riparian-protection fencing and maintenance on up to 14 miles of existing fence.

Schedule: 7 months to complete from the time contract is development with the landowner.

Task 2.3: Installation and maintenance of offsite water facilities for livestock. Complete design, layout, and installation of off-stream water developments consistent with the contracts developed with landowners. Alternative water developments will take the form of stock tanks for holding water for domestic livestock. Some of them might be associated with wells or springs, depending on what is identified in the CREP Contract.

Deliverable: Install 4 alternative water developments and maintenance on up to 17 existing alternative water developments.

Schedule: February 1st, 2004 – September 30th, 2004 depending on CREP Projects and landowner interests.

Objective 3: Operation and maintenance of the program

Task 3.1: Jim Spade of the NRCS and Mare Chestnut and the Board of Supervisors of the MCCD will ensure that participating landowners are implementing the CREP program. Operation and maintenance of riparian fencing and alternative water developments will be the responsibility of the landowner and closely managed by NRCS and District for 10 years of the program.

Deliverable: The District will submit quarterly progress and annual reports to ensure that the program is being implemented as established above. Quarterly reports addressing significant issues regarding project implementation (issues, problems, delays, and successes) will be submitted to the BPA project manager. Based on fiscal year schedule, reports will be for the three months ending March 31, June 30, and September 30. Annual reports will be required consistent with the terms and conditions of this contract. A draft of the annual report is due the BPA project manager 60 days prior to the end of the current performance period. The final version of the annual report is due 30 days after the end of the current performance period.

Schedule: February 1st, 2004 – October 31st, 2004.

Objective 4: Monitoring and evaluation of the program

Task 4.1: Development of a monitoring and evaluation plan to address the effect of these riparian restoration projects on the biological objectives discussed in the Asotin Creek proposal, e.g. stream temperature, sediment deposition, and channel structure. This will be done in coordination with BPA and NMFS.

Deliverable: A monitoring and evaluation program including data collection protocols and parameters.

Schedule: This M&E program will be developed during FY2004 and will be completed by September 1st, 2004.

Task 4.2: Until the M&E program is in place, photo documentation of the fencing and alternative water source projects will be done before, during, and after project completion to evaluate effectiveness of projects over the next year.

Deliverable: Quarterly progress and annual reports will include the photo documentation.

Schedule: February 1st, 2004 – October 31st, 2004.

Cultural Resource Investigation:

Cultural resource surveys will be conducted on new CREP and CRP contracts. These surveys will be conducted under contract 99978. For the current contracts, no known cultural resources are listed on State Historical Preservation Officer's database maintained in the Milt NRCS Field Office, for the project's section, township, and range. If cultural resources are found during site investigation or practice installation, NRCS policy and procedures will be

followed. (State Level Agreement between the NRCS and the Office of Archeology and Historical Preservation, version dated 5/11/95.)

Threatened and Endangered Species:

No known threatened or endangered species are present in the riparian zones on either side of the stream. If threatened or endangered species are found during further site investigation or construction, NRCS policy will be followed. Snake River summer steelhead and resident rainbow/reddband trout are present in streams within the project areas.

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Task 2.1: Plant 3,500 native riparian trees and shrubs for shade and proper floodplain function.

3,500 rooted trees and shrubs @ \$3.00/plant	\$10,500
Subcontractor for riparian plantings*	
Equipment for transport of plantings	
Four wheeler and trailer @ \$6.00/hour for 36 hours	\$216
Cub Cadet Wheel Tractor @ \$12.00/hour for ~ 46.5 hours	\$559
Lowboy @ \$75/hour for 8 hours	\$600
Track hoe w/stinger, feeder plus an operator for the	
Track hoe/operator for the feeder @ \$125.00/hour	
for 21 hours	\$2,625
Travel time for 2 operators to the project sites (one hour	
Each way) @ \$25.00/hour for 2 hours for 5 days	\$500
Subcontractor for site maintenance including weed and	
Non-native species control weeds (hand watering and weeding)*	
Equipment and Labor	\$3,000
CREP Tree Watering Equipment and Labor	
3,900 trees @ \$1/tree	<u>\$3,900</u>
Subtotal	\$21,900

Task 2.2: Installation of riparian protection fencing.

Subcontractor for installation of fencing*	
Materials and Labor for 5-wire exclusionary fence	
@ \$3.00/foot for 2,700 feet	\$8,100
Materials and labor for CREP fence maintenance	
74,612 ft. @ \$0.05/ft	<u>\$3,731</u>
Subtotal	\$11,831

Task 2.3: Installation of offsite water facilities for livestock.

Subcontractor for alternative water developments*	
Frost-free Stock Troughs @ \$1,975/trough for 4 troughs	\$7,900
Materials and Labor for pipeline from a well or spring to the trough	
@ \$3/foot for 1,333 feet)	\$4,000
Materials and labor for CREP water development maintenance	
17 troughs @ \$150/trough	<u>\$2,550</u>
Subtotal	\$14,450
GRAND TOTAL	\$48,181

*These projects have not yet been sent out for bid. The estimated costs in this budget are generated from past projects in similar terrain. Also, the MCCD's Board of Directors places a cap on how much each project can cost. For example, they will not pay more than \$3.00/foot for riparian fencing or more than \$2000/trough for alternative water developments. Maintenance caps for fence at \$0.05/ft, tree watering at \$1/tree and water developments are \$150/trough.